

1 **ABSTRACT**

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3 This application provides an electronic endoscope system
4 allowing an accurate delay time corresponding to a length of
5 an electronic scope to be set and allowing a configuration to
6 be simplified. The electronic endoscope system is configured
7 by connecting electronic endoscopes different in length to a
8 processor unit and provided with a reference-delay-time
9 generation circuit for generating a signal having a rough
10 reference delay time and a short-delay-time generation circuit
11 for generating a signal having a delay time shorter than the
12 reference delay time by using a gate delay device or the like.
13 A microcomputer in the processor unit reads
14 delay-time-designation control data D_1 and D_2 from a ROM in
15 an electronic scope, generates a delay drive clock signal by
16 the two delay-time generation circuits in accordance with the
17 control data D_1 and D_2 , and executes preferable image processing
18 in accordance with the delay signal.